

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
16 October 2003 (16.10.2003)

PCT

(10) International Publication Number
WO 03/086034 A1

(51) International Patent Classification⁷: **H05K 1/02**,
H01L 23/13, 31/0232, 31/0203

Eindhoven (NL). **WEEKAMP, Johannes, W.** [NL/NL];
c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(21) International Application Number: PCT/IB03/01343

(74) Agent: **DUIJVESTIJN, Adrianus, J.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(22) International Filing Date: 10 April 2003 (10.04.2003)

(25) Filing Language: English

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PI, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(26) Publication Language: English

(30) Priority Data:
02076427.0 11 April 2002 (11.04.2002) EP
02078210.8 5 August 2002 (05.08.2002) EP

(71) Applicant (*for all designated States except US*): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL];
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

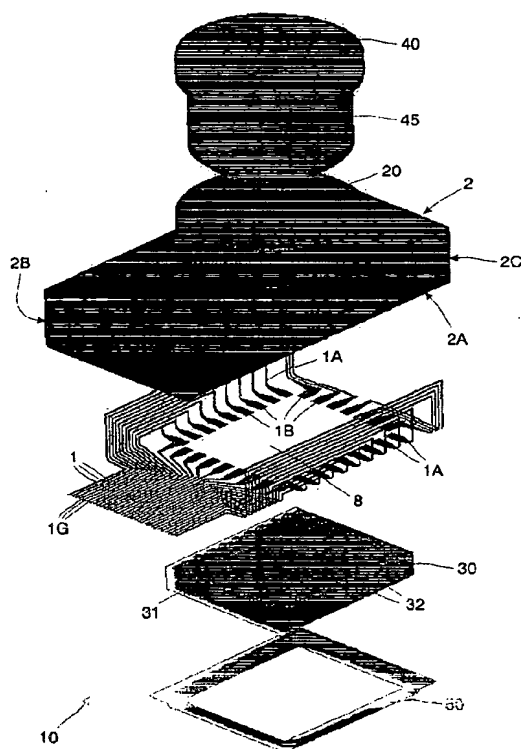
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **VERWEG, Franciscus, G.**, C. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA

[Continued on next page]

(54) Title: ELECTRICALLY INSULATING BODY, AND ELECTRONIC DEVICE



(57) **Abstract:** The invention relates to an electric insulating body (2) provided with a conductor pattern (1) and an electronic device (10) comprising such a body (2) and at least one electronic element (30). According to the invention, the body (2) has first and second faces (2A, 2B) in between of which an angle of less than 180 degrees is defined, wherein the conductor pattern (1) of the body (2) extends over both faces (2A, 2B), which body (2) carries both the conductor pattern (1) and the electronic element (30). The conductor pattern (1) comprises strip-shaped regions (1A) and regions (1B) with a larger width than the strip-shaped regions (1A), which regions (1B) are suitable for electrically contacting the electronic element (30). The electronic element (30) is, for example, a camera. The device (10) with such a camera is particularly suitable for use in a mobile communication apparatus.

WO 03/086034 A1

BEST AVAILABLE COPY